

REMARKS

Claims 1-16, 18, and 27-29 are presently pending. Claims 1-16, 18, and 27 stand rejected. Claims 17 and 19-26 were cancelled without prejudice. Reconsideration in view of the foregoing amendments and following remarks is respectfully requested.

Independent claims 1 and 10 were rejected from Kono in view of Aharoni, and further in view of Washino.

Examiner indicated that "Kono fails to specifically disclose the use of a plurality of image buffers and a corresponding plurality of parameter buffers as in the claim. Aharoni disclose system for adaptive video/audio transport ... of compressed video files ... in order to cater[s] to transmission and display requirements of multiple clients with varying resources. Accordingly, given this teaching, [it] would have been obvious for one of ordinary skill in the art at the time of the invention to combine Kono system with multi-client platform of Aharoni and provide a plurality of buffers and associated parameter buffers of Kono with the various client service levels for Aharoni in order to for greater distribution of decoded images of a heterogenous network". Office Action at 2-3. "The Kono system, now modified with a plurality of image buffers and associated parameters buffers for implementation of the multi-client platform distribution system of Aharoni and in accordance with legal precedence, has a majority of the features of the claim, but still fails to address the '... on a single display' as in claim 1. Washino discloses a video conferencing and mentoring system which discloses displaying multiple images on a single display".

Claim 1 is now amended to recite, among other limitations "a plurality of image buffers for storing the decoded images prior to display on the single display, wherein single ones of the decoded images are displayed at a time on the single display; a plurality of parameter buffers, wherein each of the plurality of parameters buffers corresponds to a particular one of the plurality of image buffers and is for storing the decoded parameters associated with the image stored in the corresponding one of the plurality of image buffers, prior to display on the single display, wherein single ones of the decoded images are displayed at a time on the single display; and a display engine for receiving the decoded parameters from the parameter buffers and providing the decoded images for display on the single display using the decoded parameters stored in the parameter buffers, wherein single ones of the decoded images are displayed at a time on the single display."

Assignee now respectfully submits that (1) the combination of Kono as modified by Aharoni and further in view of Washino does not teach the limitations of claim 1 ("wherein single ones of the decoded images are displayed at a time on the single display); and (2) Aharoni's teaching of a "multi-client platform", and Washino's teaching of "displaying multiple images on a single display" teaches away from claim 1 as now amended; and (3) one skilled in the art would not modify Kono in view of Aharoni's "multi-client platform", and Washino's "displaying multiple images on a single display" to arrive at the invention as claimed in claim 1, as amended to recite, "wherein single ones of the decoded images are displayed at a time on the single display". Additionally,

with the amendments to claim 1, the instant application is now distinguishable from St. Regis Paper Co. because by inclusion of "wherein single ones of the decoded images are displayed at a time on the single display", claim 1 is not duplication of ports for a multiplied effect". Accordingly, Assignee respectfully requests that Examiner withdraw the rejection to claims 1 and dependent claims 2-9.

Claim 10 is rejected from Kono, in view of Aharoni, and further in view of Washino. In the response to the previous office action, Assignee amended claim 10 to recite, among other limitations, "said display engine separate from the parameter buffers".

Examiner has indicated that Kono discloses "parameter buffers connected to the decoder and configured to store parameters associated with the images and decoded by the decoder (Kono: column 2, lines 55-62); and a display engine connected to the image buffers and the parameter buffers and configured to receive the decoded parameters from the parameter buffers and providing the decoded images for display using the decoded parameters stored in the parameter buffers (Kono: column 3, lines 20-30), as in claim 10."

Kono, Col. 3, Lines 20+ recites, "Fig. 3 is a diagram that shows a structure of the registers within the display control section 15". It appears as though Examiner reads the "display engine" onto "display control section 15". Kono, Col. 2, Lines 55+, recites, "The display control section 15 incorporates registers for storing parameters 24 of each layer decoded by the image decoding section 12 and a bank address 25." It appears as though Examiner reads the "parameter buffers" onto the "registers for storing parameters 24".

Claim 10 to recites, among other limitations, "said display engine separate from the parameter buffers" and respectfully submits that even if "display engine" reads on "display control section 15" and even if "parameter buffers" read onto the "registers for storing parameters 24", Kono in view Aharoni does not teach "said display engine separate from the parameter buffers" because Kono teaches that "The display control section 15 incorporates registers for storing parameters 24".

Although Examiner has added the Washino reference to the rejection, Assignee respectfully submits that Examiner's discussion of the Washino reference does not even address the limitation "said display engine separate from the parameter buffers". Accordingly, Assignee respectfully traverses the rejection and requests that Examiner withdraw the rejection to claims 10 and dependent claims 11-16, 18, and 27.

Claim 28 is added and recites, among other limitations, "a display engine for providing the first decompressed image from the first frame buffer for display based on the parameters stored in the first parameter buffer, providing the second decompressed image from the second frame buffer for display based on the parameters stored in the second parameter buffer, providing the third decompressed image from the third frame buffer for display based on the parameters stored in the third parameter buffer, on a single display, one image at a time".

Assignee respectfully submits that Kono, Aharoni, and Washino does not teach the foregoing. For example, in Kono, "The frame buffer 13 is divided into three areas which respectively store one picture." Col. 2, Lines 31-32. Examiner has indicated that Kono teaches "a display engine

for receiving the decoded parameter from the parameters buffers and providing the decoded images for display using the decoded parameters stored in the parameter buffers (Kono: column 3, lines 20-30) ... However, Kono fails to specifically disclose ... a corresponding plurality of parameters buffers". Office Action at 3. In contrast, Kono teaches "The display control section 15 executes the display of the picture by comprehensively analyzing the display parameter of the picture layer stored in this register and the parameters of the second layer and the parameters of the GOP layer." Col. 4, Lines 18-22.

Accordingly, Assignee respectfully requests allowance for claim 28 and dependent claim 29.

Conclusion

For at least the foregoing reasons, Assignee respectfully submits that each of the pending claims are in a condition for allowance, and Examiner is kindly requested to pass this case to issuance.

RESPECTFULLY SUBMITTED,



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